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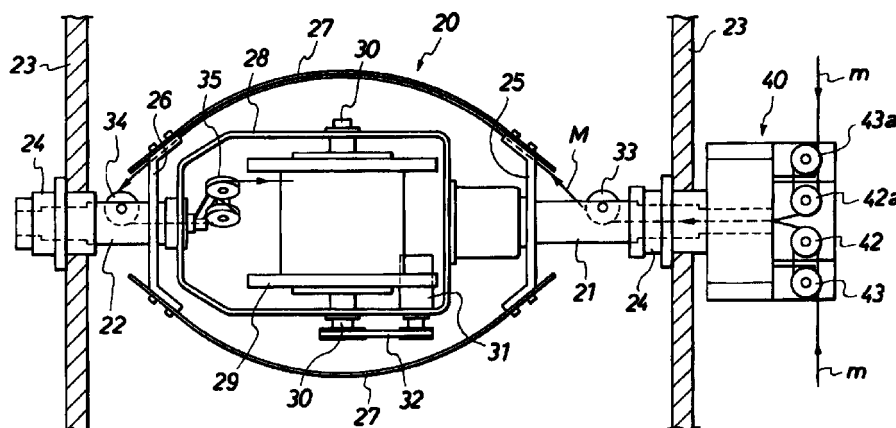
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(54) **Wire stranding machine**

(57) A wire stranding machine is provided which is capable of stranding the wire materials evenly and uniformly without slackening even if two wire materials are used, by installing the capstan assembly (40) outside of the rotary structure (20) on the incoming side thereof. The rotary structure (20) having the winding drum (29) inside of a flyer bow (27) is supported by main shafts (21,22), and the capstan assembly (40) is disposed adjacent to the main shaft (21) on the wire incoming side. The capstan assembly (40) comprises a pair of capstan means consisting of main (42,42a) and auxil-

iary (43,43a) capstans, each having plural grooves on the circumferential surface, and the main capstans (42,42a) are set opposite to each other. The main (42,42a) and auxiliary (43,43a) capstans are set on the mounting member (41) of the main shaft (21) supporting the rotary structure (20) and disposed in parallel in the direction normal to the axis of the main shaft (21). The main capstans (42,42a) are adapted to rotate at the same speed but in opposite directions to each other.

FIG. 1



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EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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